

Aspose HTML Cloud SDK

This repository contains Aspose.HTML Cloud SDK source code. This SDK allows you to work with Aspose.HTML Cloud REST APIs in your applications quickly and easily.

See [API Reference](#) for full API specification.

How to use the SDK?

The complete source code is available in this repository folder, you can either directly use it in your project.

Requirements

- mac OS X 10.12.6
- XCode 9.2
- Swift 5.1 and later
- Alamofire 4.9.1 and later

Prerequisites

To use Aspose HTML for Cloud SDK you need to register an account with [Aspose Cloud](#) and lookup/create App Key and SID at [Cloud Dashboard](#). There is free quota available. For more details, see [Aspose Cloud Pricing](#).

Installation & Usage

Getting Started

Before create configuration, then use HtmlAPI or StorageAPI (see tests)

Possible conversions:

- HTML -> PDF, XPS, DOCX, MD, MHTML, JPEG, BMP, PNG, GIF, TIFF
- EPUB -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF
- MD -> PDF, XPS, DOCX, HTML, MHTML, JPEG, BMP, PNG, GIF, TIFF
- MHTML -> PDF, XPS, DOCX, JPEG, BMP, PNG, GIF, TIFF

Example:

```
import Alamofire
import Foundation
import XCTest
import AsposeHtmlCloud

static let fm = FileManager.default
let resourceDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")
let resultDir = fm.homeDirectoryForCurrentUser.appendingPathComponent("Documents/Aspose.HTML.Cloud.SDK.Swift")

func url(forResource fileName: String) -> URL {
    return resourceDir.appendingPathComponent(fileName)
}

func fileExist(name: String) -> Bool {
    return FileManager.default.fileExists(atPath: name)
}

ClientAPI.setConfig(
    basePath: "https://api.aspose.cloud/v4.0",
    authPath: "https://api.aspose.cloud/connect/token",
    apiKey: "XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX",
    appSID: "XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX",
    debugging: true
)
```

```

)

let fileName = "test1.html"
let src = url(forResource: fileName).absoluteString

let expectation = self.expectation(description: "testConvert to \(format)")
let dst = resultDir.appendingPathComponent("LocToLocDoc.\(format)").absoluteString
HtmlAPI.convertLocalToLocal(src: src, dst: dst, options: nil) { (data, error) in

    guard error == nil else {
        XCTFail("Error get convert html to \(format)). Error=\(error!.localizedDescription)")
        return
    }
    let resultPath = data!.file!
    XCTAssertTrue(fileExist(name: resultPath))
    expectation.fulfill()
}

self.waitForExpectations(timeout: testTimeout, handler: nil)

```

Documentation for API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

| Class | Method | Description |
|----------------|--|--|
| <i>HtmlAPI</i> | <u>convertLocalToLocal</u> | Convert the HTML or EPUB document from local disk to a local disk. |
| <i>HtmlAPI</i> | <u>convertLocalToStorage</u> | Convert the HTML or EPUB document from local disk to user's storage. |
| <i>HtmlAPI</i> | <u>convertStorageToLocal</u> | Convert the HTML or EPUB document from user's storage to local disk. |
| <i>HtmlAPI</i> | <u>convertStorageToStorage</u> | Convert the HTML or EPUB document from user's storage to user's storage. |
| <i>HtmlAPI</i> | <u>convertUrlToLocal</u> | Convert the HTML document by URL to local disk. |
| <i>HtmlAPI</i> | <u>convertUrlToStorage</u> | Convert the HTML document by URL to user's storage. |
| <i>HtmlAPI</i> | <u>convert</u> | Convert the HTML, EPUB or URL to the specified format. |

Documentation For Authorization

oauth

- **Type:** OAuth2
- **Flow:** application
- **Authorization URL:** "https://api.aspose.cloud/connect/token"
- **Scopes:** N/A

Examples

Test uses StorageApi for upload(download) file to(from) remote storage.

Documentation for Storage API Endpoints

All URIs are relative to <https://api.aspose.cloud/v4.0>

| Class | Method | Description |
|-------------------|-------------------------------------|---|
| <i>StorageAPI</i> | <u>deleteFile</u> | Delete file |
| <i>StorageAPI</i> | <u>downloadFile</u> | Download file |
| <i>StorageAPI</i> | <u>uploadFile</u> | Upload file |
| <i>StorageAPI</i> | <u>createFolder</u> | Create the folder |
| <i>StorageAPI</i> | <u>deleteFolder</u> | Delete folder |
| <i>StorageAPI</i> | <u>getFilesList</u> | Get all files and folders within a folder |
| <i>StorageAPI</i> | <u>getDiscUsage</u> | Get disc usage |

| Class | Method | Description |
|-------------------|--------------------------------------|--------------------------------|
| <i>StorageAPI</i> | objectExists | Check if file or folder exists |
| <i>StorageAPI</i> | storageExists | Check if storage exists |

Documentation for Models

- [DiscUsage](#)
- [ErrorDetails](#)
- [FilesList](#)
- [FilesUploadResult](#)
- [FileVersion](#)
- [FileVersions](#)
- [ModelError](#)
- [ObjectExist](#)
- [StorageExist](#)
- [StorageFile](#)

[Tests](#) contain various examples of using the Aspose.HTML and Aspose.Storage SDK.